

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF ART CITED BY APPLICANT  
(Use several sheets if necessary)ATTY. DOCKET NO.  
MI22-587SERIAL NO.  
09/118,359APPLICANT  
J. Dennis Keller, et al.FILING DATE  
July 17, 1998GROUP  
2823

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>MR</i>	AA	4,249,968	02/1981	Gardiner, et al.	—	—	
<i>MR</i>	AB	5,147,813	09/1992	Woo	—	—	
<i>MR</i>	AC	5,289,026	02/1994	Ong	—	—	
<i>MR</i>	AD	5,439,838	08/1995	Yang	—	—	
<i>MR</i>	AE	5,445,982	08/1995	Hwang	—	—	
	AF						
	AG						
	AH						
	AI						
	AJ						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AK							
	AL							
	AM							

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

DATE CONSIDERED

*Michelle Ishada**4/3/06*

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Form 1-101 <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>		ATTY. DOCKET NO. M122-387	SERIAL NO. 09/118,359
<b>LIST OF ART CITED BY APPLICANT</b> (Use several sheets if necessary)		APPLICANT J. Dennis Keller et al.	
		FILING DATE July 17, 1998	GROUP 2823

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
BA	AA	6,008,517	12/18/99	Wa	—	—	
	AB						
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FOREIGN PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
BA	AL	10-135358	05/22/98	Japan	—	—	Abs.
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	AN						
	AO						
	AP						

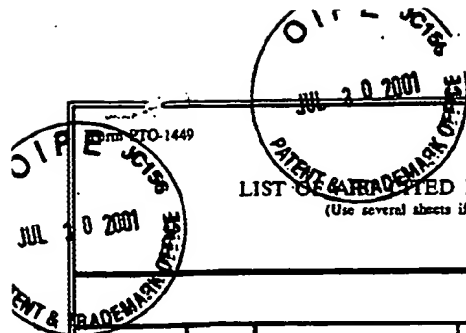
  

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
BA	AR	Solid State Electronic Devices, Ben G. Streetman, Solid State Physical Electronics Series, 1972, 5-2000	p66-67
	AS		
	AT		

EXAMINER Barbara E. Abbott	DATE CONSIDERED 10/15/2000
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-587		SERIAL NO. 09/118,359	
LIST OF DOCUMENTS SUBMITTED BY APPLICANT (Use several sheets if necessary)		APPLICANT J. Dennis Keller et al.			
		FILING DATE July 17, 1998		GROUP 2823	

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
ME	AA 5,888,870	03/30/99	Gardner et al.				
	AB						
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FOREIGN PATENT DOCUMENTS							
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EXAMINER <i>Michelle Estrada</i>	DATE CONSIDERED <i>9/20/01</i>
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Form PTO-1449				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-587		SERIAL NO. 09/118,359	
PRIOR ART CITED BY APPLICANT <small>(Use separate sheets if necessary)</small>						APPLICANT J. Dennis Keller et al.			
FILING DATE July 17, 1998						GROUP 1823			

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	5,814,862	09/29/98	Sung et al.	—	—	
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FOREIGN PATENT DOCUMENTS							
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EXAMINER 	DATE CONSIDERED 1/23/03
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